

AMENDMENTS TO THE SPECIFICATION

[0366] An alternate, and presently preferred, luminometer is generally designated by reference number 1360 in FIGURE 43. Luminometer 1360 includes a housing 1372 having a bottom wall 1370, door assemblies 1200 on opposite sides of the bottom wall 1370 which define end portions of the housing 1372, an optical sensor shutter assembly 1250 which defines a front wall of the housing 1370, a top wall (not shown), and a back wall (not shown), which complete the housing 1370 and define an enclosure therein. The right-side door assembly 1200 defines a receptacle entrance opening 1374, and the left-side door assembly 1200 defines a receptacle exit opening 1376 through which a MTU 160 can be passed into and out of the housing 1370. Each door assembly 1200 controls access through the respective opening 1374 or 1376 and comprises an end wall 1202, a cover plate 1232, and a rotating door 1220 rotatably disposed between the end wall 1202 and the cover plate 1232. The optical sensor aperture shutter assembly 1250 controls light entering an optical sensor (not shown in FIGURE 43), for example a photomultiplier tube. Luminometer 1360 includes a light receiver mounting wall ~~4250~~ 1252 and a cover plate 1290 having an aperture 1292 formed therein.